



NHDES  
Wetland Program  
**Public Input Sessions**  
February – March  
2018







# Thank you

To all who assisted in the development of the draft rules, provided public comments, participated in workgroups and BMP review and revisions

# Topics Outline

1. Introduction
2. Background on Wetland Rules Process Initiative
3. Roadmap to Rule Changes
4. Next steps
5. Public Questions & Comments



# Wetlands Rules

## *Public Input Sessions*

### ***Public Input Sessions***

A significant, multi-year effort to improve the technical standards, operation, and decision-making processes used by the NHDES Wetlands Bureau.

Location	Address	Date and Time
Concord NHDES Headquarters Auditorium	29 Hazen Drive	February 26 <sup>th</sup> 6-8 pm
NHDES Pease Field Office – Room A	222 International Drive, Suite 175	February 28 <sup>th</sup> 6-8 pm
Laconia City Hall	45 Beacon Street East	March 1 <sup>st</sup> 6:30-8:30 pm
Keene Public Library	60 Winter Street	March 5 <sup>th</sup> 6:30-8:30 pm
Lancaster, North Country Resource Center	629B Main Street	<b>March 15<sup>th</sup></b> <b>5:30-7:30 pm</b>

# Wetlands Program Rulemaking Anticipated Schedule

## Overall Schedule

February 2018 –  
April 20, 2018

Public Input  
Sessions &  
Receive Public  
Comments on  
draft rules



Spring to early  
summer 2018

NHDES review of  
comments to  
determine next  
steps

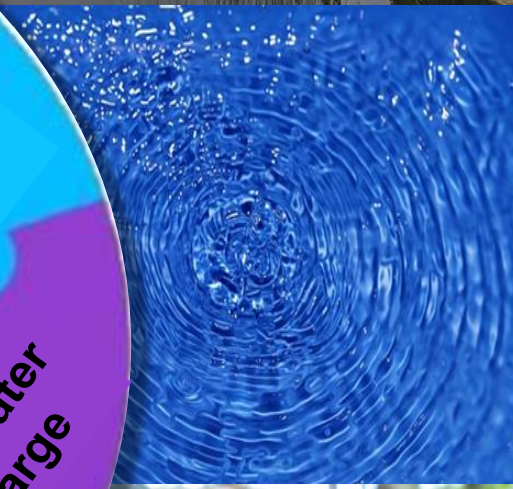


Goal: begin formal  
rulemaking  
process in 2018

**We Are Here!**



# RSA 482-A public purpose Wetland Function



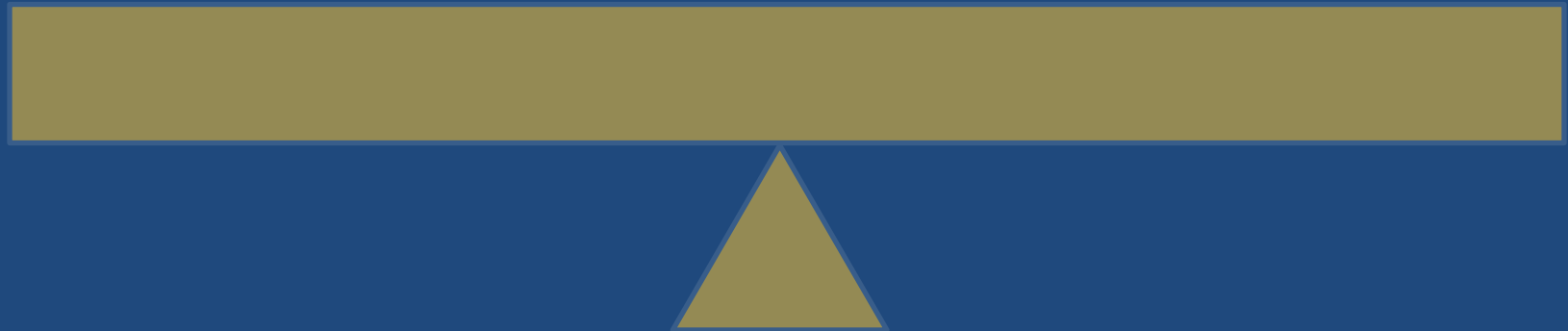
# NHDES Role

- ✓ Over 2,000 applications each year
- ✓ Wide range of applicants & activities
  - ❖ Logger – timber harvesting
  - ❖ Landowner – install a driveway
  - ❖ Road agent – fix a culvert
  - ❖ Hikers – create a new trail
  - ❖ Lake-front owner – install a dock
  - ❖ Developer – create or expand residential or commercial development
  - ❖ NHDOT – widen a public highway

# Striking the Right Balance

**Protecting  
Natural  
Resources**

**Supporting  
Economic  
Activity**





# Wetlands Program Rulemaking & Process Improvement Effort

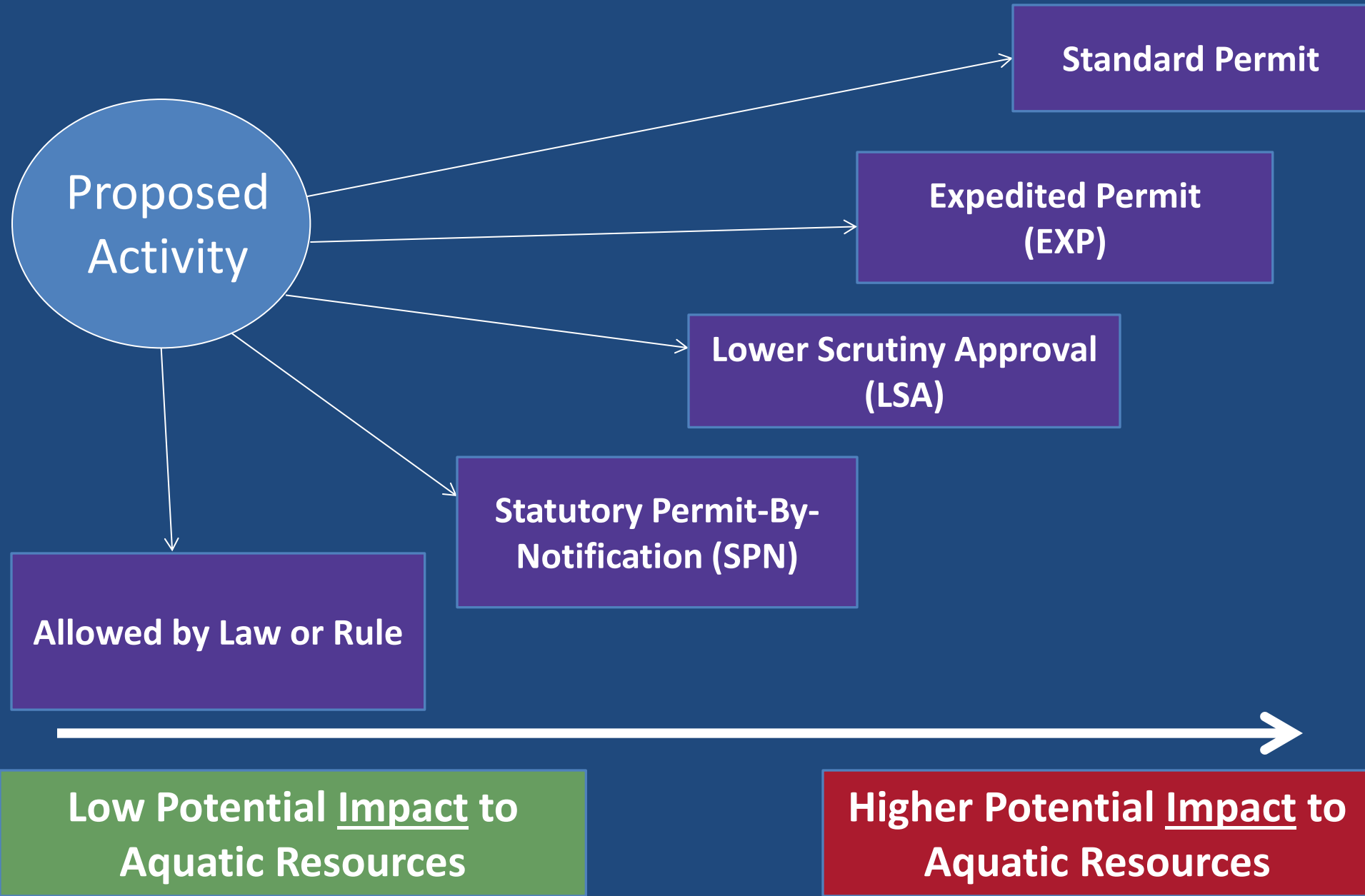
## GOALS

- Enhance predictability and transparency
- Increase consistency and standardization
- Ensure scientifically-based decisions that are protective of New Hampshire's important natural resources

# Levels of Review

- RSA 482-A establishes 6 levels of review:
  - Statutory Permit-By-Notification (SPN)
  - Lower Scrutiny Approval (LSA) – 3 types:
    1. No contact with NHDES needed
    2. Registration required
    3. Permit-By-Notification
  - Expedited Permit (EXP)
  - Standard Permit

# Approvals & Permits





# NHDES Research & Discussion

Studied  
Process

Mapped  
wetland  
review  
process

Mapped new  
regulatory  
approach

30  
topics

Scientific  
literature/  
current  
practice/other  
states & federal

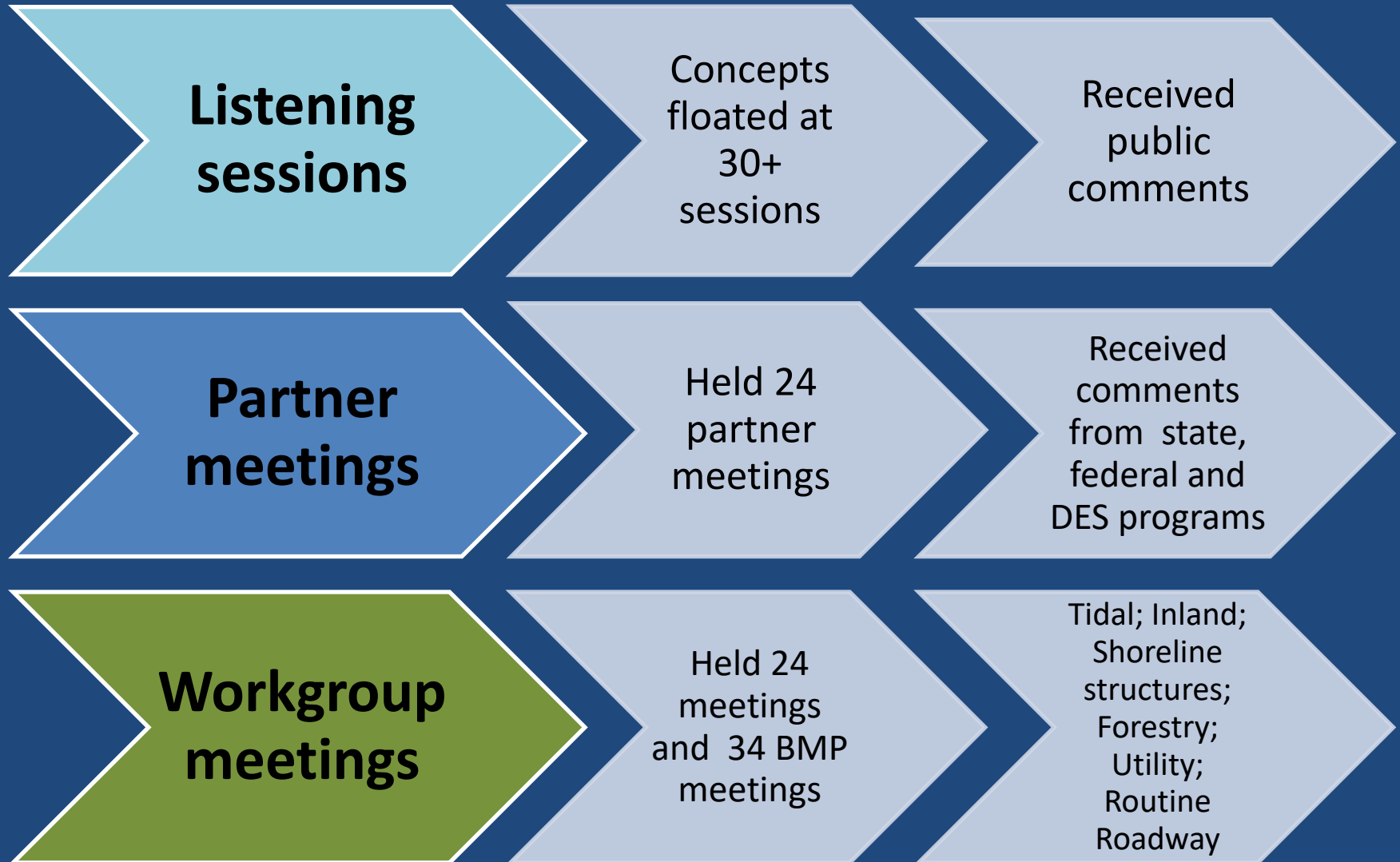
Proposals  
vetted in Confer  
as Bureau

Confer

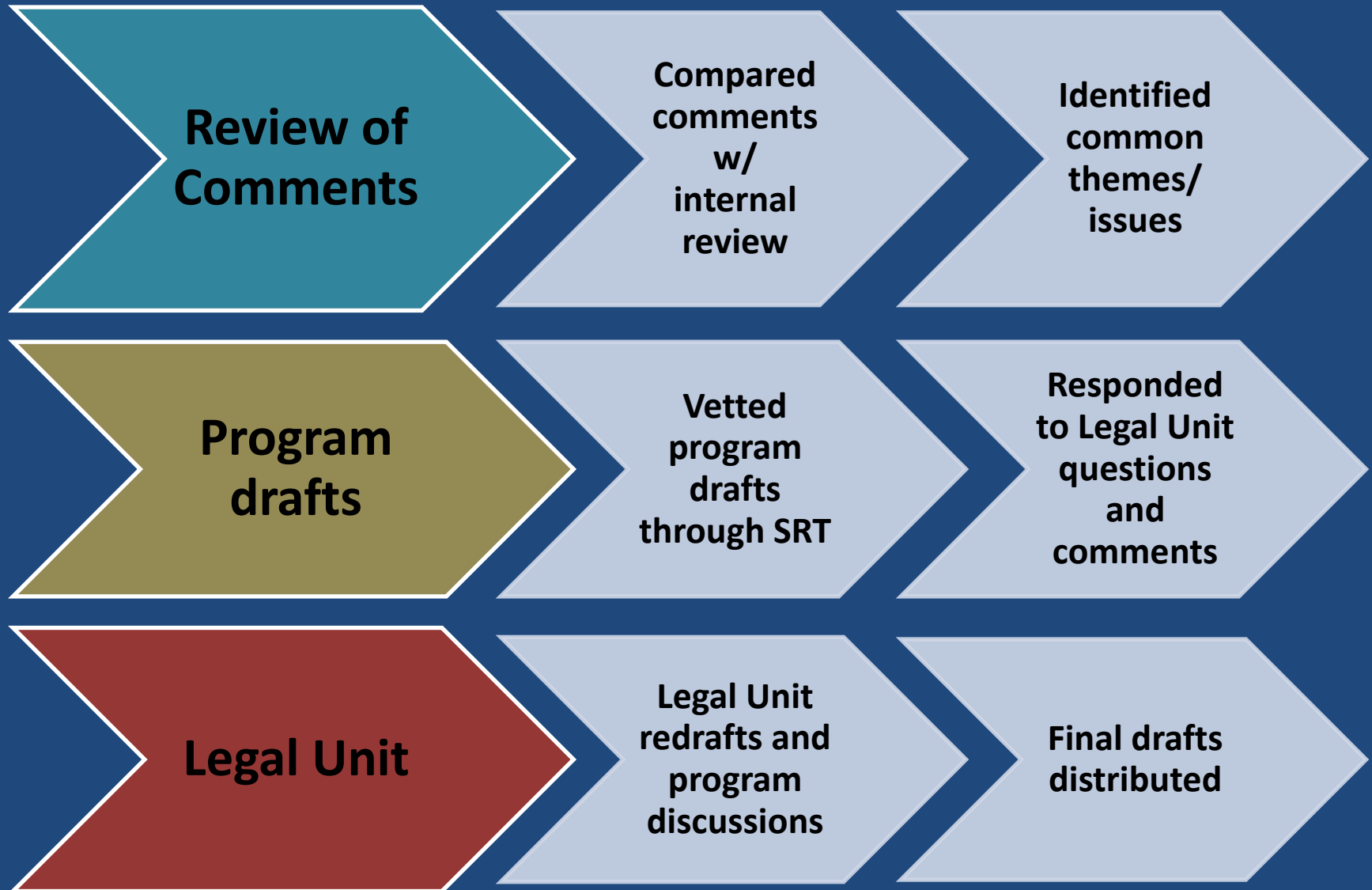
Proposals  
vetted  
through  
management

Senior Rules  
Team (SRT)  
met monthly  
since 2013

# Stakeholder Input



# NHDES Review & Rules Drafting





# Roadmap for Navigating the Proposed Rules



# Goal: Increase Clarity

## DEFINITIONS



**102 - General**

**602 - Tidal**

**701 - Primes**

**902 - Stream  
Crossings**

# Key *New* definitions Env-Wt 100

- 102.12 “Avoidance”
- 102.24 – 102.26 “CAT1”, “CAT2”, “CAT 3”
- 102.37 “Datacheck tool”
- 102.56 “Expedited permit” (EXP)
- 102.82 “Lower scrutiny approval” (LSA)
- 103.05 “Minimization”
- 103.06 “Minimization measures”



“Avoidance” (Env-Wt 102.12)

“not impacting jurisdictional areas  
if there is a practicable alternative”  
(Also see 313.04)

# “Minimization Measures” (Env-Wt 103.06) & new BMP

“design techniques that address unavoidable adverse impacts based on the scale, location, and design of the proposed project, the function and values of the impacted resources, and practicability.”

# *Key New* definitions Env-Wt 100

- 103.10 “Need” (Also see Env-Wt 313)
- 103.28 “Protected species or habitat”
- 103.29 “Public docking structure”
- 103.33 “Public trust surface waters”
- 103.37 “Rehabilitation”

# “Need” 103.10 & 313.03

## Standard permits

For standard permits, presumption of no need to impact:

- ✓ Tidal wetlands & waters
- ✓ Bog and freshwater marshes &
- ✓ Special resource areas

*Unless by clear & convincing evidence—  
balancing alternatives, reasonable use &  
practicability, consistency with RSA 482-A:1*



# Key new definitions Env-Wt 100

- 103.54 “Significant function wetland”
- 103.54 “Special resource area”
- 103.59 “Standard permit”
- 103.68 “Top of bank”
- 103.74 “Water quality measures”

# “Special Resource Area” 103.58

- Means a jurisdictional area that:
  - (a) Is an Exemplary natural community (NHB)
  - (b) Documented rare, protected species or habitat
  - (c) Marsh with one acre or larger
  - (d) Very poorly drained scrub shrub wetland
  - (e) Peatlands or bog
  - (f) Floodplain wetlands on alluvial very poorly drained soils
  - (g) Designated Prime Wetlands
  - (h) Sand dune, tidal wetland, tidal water or undeveloped TBZ
  - (i) Tier 3 stream with cold water fishery
  - (j) Combination of a – i above

## “Top of bank” (103.68)

“the first break in slope above the ordinary high water mark of a surface water or wetland, usually identified by physical characteristics such as a change in topography or a change in vegetation type.”

# “Water quality measures” (103.74)

“methods, practices, and devices that are designed and implemented to prevent or minimize erosion, siltation, or turbidity, or any combination thereof. The term includes but is not limited to phased construction, vegetated filter strips, geotextile silt fences, stormwater detention and infiltration systems, sediment detention basins, and other method, practice or device identified in Env-Wq 1506 – 1508.”



# *Key New Tidal Definitions Env-Wt 602*

602.01 “Accessory structure”

602.03 “Beach nourishment”

602.05 “Coastal erosion”

602.06 “Coastal functional assessment”

602.07 “Coastal hazards”

602.08 “Coastal lands”

602.10 “Developed upland” (*REVISED*)

# *Key New Tidal Definitions Env-Wt 602*

- 602.14 “Extraordinary seaweed event”
- 602.15 “Federal navigation project” (FNP)
- 602.21 “Impervious surface”
- 602.23 “In-fill lot”
- 602.25 “Landscaping”
- 602.26 “Line of encroachment”
- 602.28 “Natural condition”

# *Key New Tidal Definitions 602*

602.33 “Qualified coastal professional”

602.35 “Seaweed removal season”

602.36 “Sequential dredging”

602.49 “Transient public use access points”

602.50 “Working waterfront”

602.51 “Unaltered state”

# Key new Stream Crossing Definitions Env-Wt 900

- 902.03 “Bankfull depth”
- 902.07 “Connectivity” (Revised)
- 902.08 “Design Storm”
- 902.10 “Entrenchment ratio”
- 902.12 “Flood-prone width”
- 902.13 “Geomorphic compatibility”
- 902.15 “Hydraulic capacity”



# Key new Stream Crossing Definitions

## Env-Wt 900

- 902.16 “Longitudinal profile”
- 902.20 “Reference reach”
- 902.21 “Rehabilitation”
- 902.22 “Repair”
- 902.24 “Replacement”
- 902.25 “Self-mitigating”
- 902.26 “Sinuosity”

# Goal: Standardize Conditions to Protect ...



**Water Quality     307.03**

**Fisheries & Breeding  
areas     307.04**

**Threatened/endangered  
species, critical habitat     307.06**

**Designated Prime Wetlands  
307.08**

# Protect Water Quality 307.03

## Surface Water Quality Standards

RSA 485-A, & A:8,- C

Env-Wq 1700



## Shoreland Water Quality Protection Act

RSA 483-B

Env-Wq 1400



## NH Stormwater Manual, Vol 3 (2008)

Silt controls Env-Wq 1506

Env-Wq 1508

# Protect Fisheries & Breeding Areas

## 307.04

**Avoid discharge in spawning or nursery areas**

Time construction

To avoid spawning/ breeding impacts



**Maintain cold water fisheries**

Dissolved Oxygen  
Concentrations

Env-Wq 1703.07



**Maintain temperatures – Env-Wq 1703.11**

Protect high quality waters

Env-Wq 1708.06



# Protect Rare, Threatened, Endangered Species & Critical Habitat 307.06

**No impact to a threatened or endangered species, a proposed  
listing or proposed critical habitat**

**Federal Endangered Species Act**

**16 USC Sec 1531**



**State Endangered Species Conservation Act**

**RSA 212-A**



**See data-check screening planning tool**

**NHB & Fish & Game & NHDES**

**for protected species & habitat**

# Goal: Streamline Processes



**Statutory Permit by  
Notification (SPN) 308.04**

**Lower Scrutiny  
Approval (LSA) 309**

**Expedited Permit  
(EXP) 310**

**Standard Permit 311**

# Statutory Permit by Notification (SPN)

SPN

- Temporary Seasonal Dock
- Timber Harvesting (CAT1/low impact)

SPN

- Panning for gold or minerals
- Recreational Trails (CAT1/low impact)

SPN

- Utility maintenance & repair (CAT1)
- Routine Roadway up to 48" culvert

# Lower Scrutiny Approvals (LSA)

LSA

- Work Authorized by Rule or Registration
- **Routine Roadways beyond SPN**

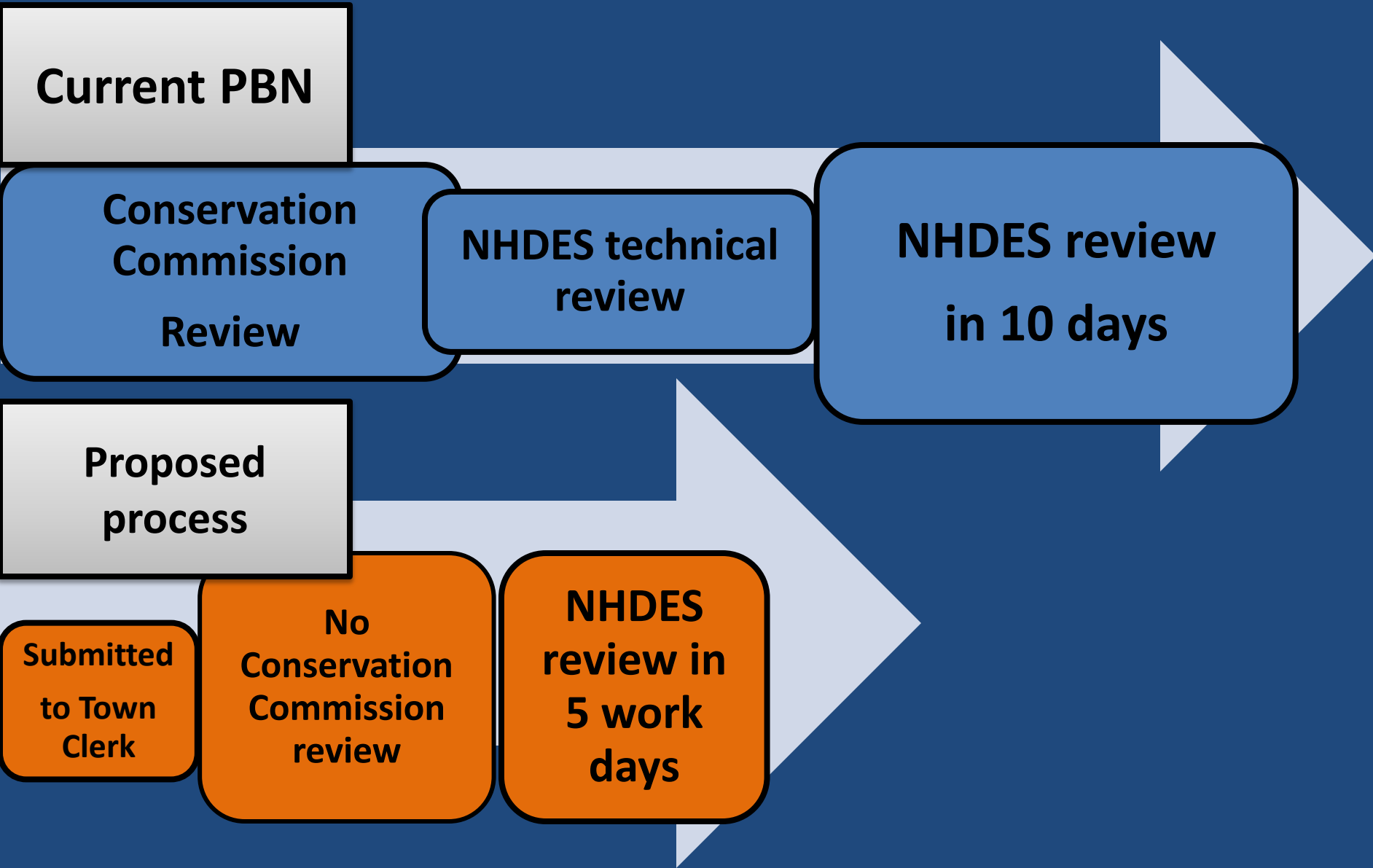
LSA

- **CAT 1 projects – low/minimum impact**

LSA

- **NHDES to process within 5 business days**
- **NHDES to post permit to One-Stop**

# Goal – Streamline Review



# *New Streamlined projects (CAT1)*

LSA

- **Agriculture ( $\leq 3$  acres)**

LSA

- **< 3,000 SF driveway access**

LSA

- **Pond construction < 3 K SF**



# *New Streamlined projects (CAT1)*

LSA

- **< 10 cubic yard Beach-deck**

LSA

- **Vegetative & Bio-engineered Bank Stabilization < 50 LF**

LSA

- **Boardwalk Construction < 3 K SF**

# *New Streamlined projects (CAT1)*

LSA

- Tier 3 stream crossing *repairs*

RR-5

- In-kind headwall *repair*

RR-8

- Culvert inlet/outlet *Maintenance*

# *New Streamlined Tidal* projects (CAT1)

LSA

- In-kind maintenance of Tidal shoreline stabilization projects

LSA

- Sand Dune restoration projects

LSA

- Structure construction in in-fill lots

# Goal: Streamline Review

## Data Screening – 311, Standard Permit



**Designated Rivers**

**Floodplains**

**Hydric Soils**

**Impaired Waters**

**Peatlands & marsh/scrub**

**NHB data-check/ WAP**

**Watershed size**

# Streamline Review

**Current  
Standard  
Process**

**Application filed w/  
Town Clerk & NHDES**

**NHDES- ARC**

**CC 14 day**

**LAC review**

**NHDES  
Technical  
review**

**NHDES  
issues  
decision**

**Proposed Process- CC & LAC  
pre-application consultation  
required to address any  
comments.**

**30 days  
prior to  
filing**

**Application  
filed w/ Town  
Clerk &  
NHDES**

**NHDES  
technical  
review**

**NHDES  
issues  
decision**

# Goal: Standardize Process

## Env-Wt 300 rules



**Functional Assessment (311.10)**

**Application Amendment (311.13)**

**Completeness (312.02)**

**Evaluation Criteria (313.01)**

**Demonstration of Need (313.03)**

**Extensions, Transfers (314.05-.06)**

**Permit Amendment (314.07)**

**Emergencies (315)**



# Standard Evaluation Criteria 313

- Demonstrate need (313.03)
- Avoid, minimize, mitigate (313.03)
- Acknowledge standard conditions (307)
- Resource-specific criteria met
- Project-specific criteria met (500, 600, 900)
- No adverse impact on abutting property  
(RSA 482-A:11, II)

# Env-Wt 313.04 A/M/Mitigation

- Sequencing of avoidance, minimization, & mitigation clarified
- Impacts to special resource areas require mitigation

# Standard Application Evaluation 313.05

## *(new criteria or amended listed)*

- Displacement of floodwaters from floodplain wetlands or other areas known to flood onto adjacent properties
- Whether the project proposes stormwater treatment or detention in wetlands or surface waters or would contribute additional loading to impaired waters such that the surface water quality standards in RSA 485-A or Env-Wq 1700 would not be met
- Whether project is designed to maintain or enhance wetland & stream hydrological connectivity, aquatic organism passage, & plant community features necessary to retain or restore wetlands and aquatic resource functions

# Goal: Standardize Delineation & Classification



**Wetland Delineation &  
Classification      406**

**Basis for Project Classification   407**

**Resource Disqualifications 407.02**

**Size Thresholds                      407.03**

**Project Type Exceptions      407.04**

**Projects in Special Resources   408**

# Delineation Boundary & Plans



406.01 Delineation plan validity

406.02 Boundary references updated

406.03 Delineation exemptions

406.04 Delineation of streams

406.06 Classifications updated

# Basis for Project Classification



**Resource Disqualifications**

**Flood Protection wetlands**

**Water Quality wetlands**

**Special resource areas**

**10 acre 50 % VPD forested wetlands**



# Project Classification



**Resource Disqualifications**

**Size Thresholds**

**Project Type Exceptions**

# Project-Oriented standards

- Nontidal Projects – Env-Wt 500
- Tidal projects – Env-Wt 600
- Stream Crossings – Env-Wt 900

# Goal – Standardize plans & increase objectivity in reviews

## Standardize plan requirements

**Delineation  
methods**

**Assessment  
methods**

### Resource specific analysis

**Non-tidal  
wetlands &  
streams**

**Coastal  
resources**

### Project specific criteria

**Information required  
Approval Criteria**

**Design Criteria &  
project classification**

# Goal: Standardize Criteria

## Project-Specific Criteria, Env-Wt 500



<b>Beach/Deck</b>	<b>511</b>
-------------------	------------

<b>Breakwaters</b>	<b>512</b>
--------------------	------------

<b>Docks</b>	<b>513; 514; 515</b>
--------------	----------------------

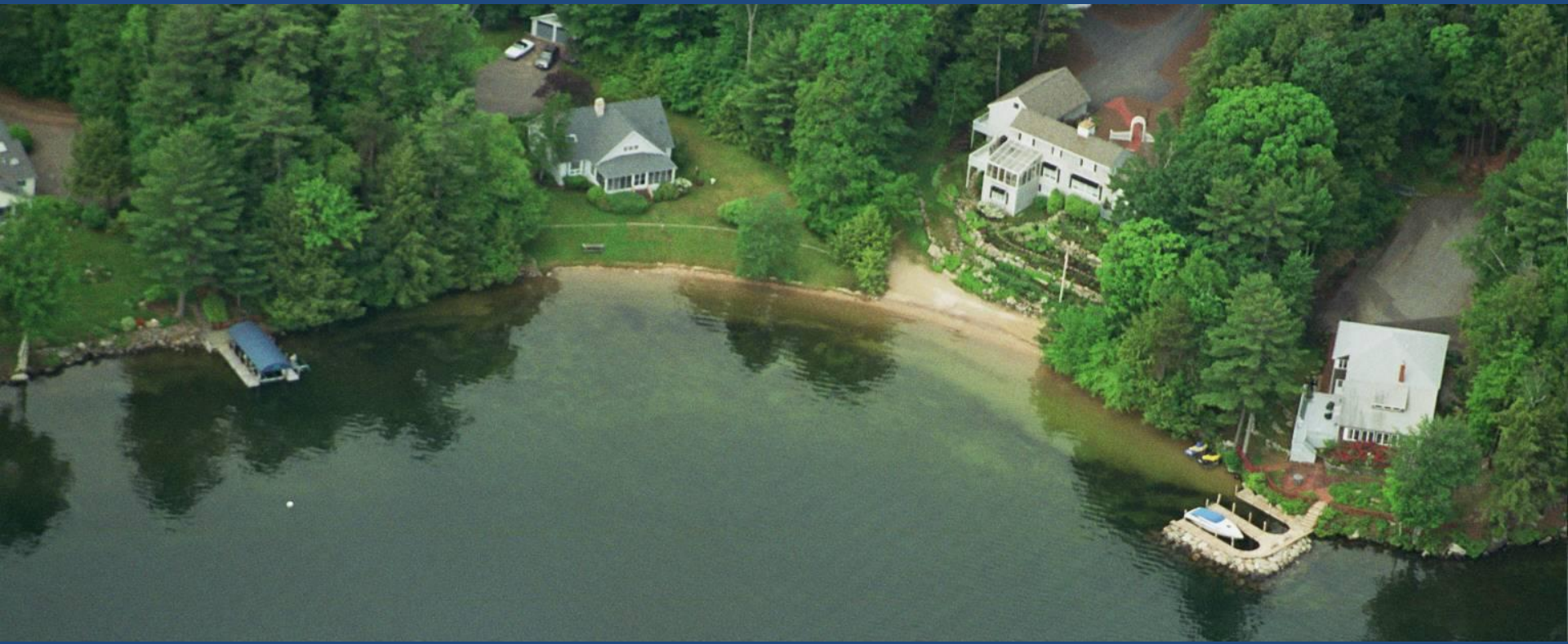
<b>Bank Stabilization</b>	<b>516-518</b>
---------------------------	----------------

<b>Boathouses</b>	<b>519</b>
-------------------	------------

<b>Boat Launches</b>	<b>522</b>
----------------------	------------

# Significant Changes to Shoreline Structures

- Dock rules are no longer one size fits all.
  - Separate standards for Single Family Residential as opposed to Commercial, Public, and Marina structures.
- Approvable water access structures have been expanded to allow decks. No longer limited to just beaches and stairs.





## Docking Structures Changes – Single family residential Env-Wt 513 and 515

Dock size is still linked to amount of frontage but:

- Baseline frontage amount is reduced from 75 to 50 feet.
- Dock size based square feet of structure surface allowed / feet of frontage instead of # of slips / feet of frontage.
- Maximum dock width increased from 6 feet to 8 feet.
- Minimum dock width set at 4 feet.
- More flexibility on configuration.



## **Docking Structures Changes – Commercial, Public, and Marinas Env-Wt 514 and 515**

- **May still need to be based upon slips based criteria**
- **Seeking input on the feasibility of permitting size based on square feet of dock area to frontage ratios**
- **Seeking input on maximum incursion into public waters that should be allowed.**

# Water Access Structures Env-Wt 511

- **Allow deck construction as an alternative to beach construction**
  - **Lower cost and impact**
- **Fully incorporates existing Shoreland Protection accessory structure requirements**
  - **Slope criteria already applied. Size criteria to be added.**

**\*\*\*Shoreland Accessory Structure rulemaking is necessary\*\*\***

**Suggestions on new Shoreland Accessory structure area to linear feet of frontage ratio would be appreciated.**

# Goal: Standardize Project Criteria



**Ponds**

**523**

**Forestry**

**524**

**Utility**

**525**

**Agriculture**

**526**

**Trails & Paths**

**527**

**Residential/Commercial**

**529**

**Restoration/Enhancement**

**530**



# Goal: Consolidate Tidal Requirements



**Data screen/assessment/plan 603**

**Demonstrated Need 604**

**Avoid/Minimization/Mitigation 605**

**Overwater Structures 607**

**Dredge 608      Tidal beach 609**

**Tidal buffer zone/Shoreland 611**

# Env-Wt 600 Demonstration of Need Tidal Waters & Wetlands

- ❖ Optimize tidal wetland function & *self-sustaining stability* to storm surge
- ❖ Be designed & intended to protect upland infrastructure from *coastal hazards*
- ❖ Be limited to public infrastructure or restoration projects in the public interest

# NEW - OVERWATER STRUCTURES - 607



## Tidal Docks

Designed to avoid and minimize natural resources as identified in the coastal function assessment (CFA)

(Essential Fish Habitat, Shellfish & Eelgrass bed)

## TYPES

- RESIDENTIAL
- COMMERCIAL
- INDUSTRIAL

# NEW - TIDAL DREDGING - 608



- ❖ Pre-application meeting required for dredge projects
- ❖ No Dredging allowed in High Resource Value areas

## Standard Applicability:

- ✓ Federal Navigation Project (FNP)
- ✓ Commercial / Industrial
- ✓ To remediate contaminated sites
- ✓ Maintenance of intake/outflow infrastructure
- ✓ In direct interest of commerce for well-being of general public



# See *New* Tidal mitigation rule

Table 605-1: Preferred Forms of Compensatory Mitigation for Projects in Coastal Areas

Type of Project	Preferred Forms of Compensatory Mitigation
Overwater Structures >2,000 SF total coverage	Permittee-responsible mitigation
Dredge - new tidal dredge or FNP expansion	Permittee-responsible mitigation
Tidal Buffer Zone (TBZ) <ul style="list-style-type: none"><li>- undeveloped lots</li><li>- developed upland lot, in-fill lot if any impacts within 75 feet of a salt marsh</li><li>- impacts &gt;10,000 SF in developed TBZ not adjacent to salt marsh</li></ul>	Permittee-responsible on-site mitigation
Sand Dunes	Permittee responsible on-site mitigation

# Goal: Reflect Statutory Changes

## Env-Wt 700 Prime Wetlands



<b>Definitions</b>	<b>701</b>
--------------------	------------

<b>Criteria/ Procedures</b>	<b>702</b>
-----------------------------	------------

<b>Maps &amp; documents</b>	<b>703</b>
-----------------------------	------------

<b>Criteria for approval</b>	<b>704</b>
------------------------------	------------

<b>Notice &amp; appeal</b>	<b>705</b>
----------------------------	------------

<b>Prime Wetland Waivers</b>	<b>706</b>
------------------------------	------------

# Statutory History of Prime Wetlands – Table 701-1

Session Law	Effective Date	Statutory Parameters
1979, 431:5-6	Aug. 22, 1979	<ul style="list-style-type: none"> <li>• Municipalities authorized to designate prime wetlands</li> <li>• NH Wetlands Board must notify local authority prior to issuing a permit for a project “in or adjacent to” designated prime wetlands</li> <li>• Board adopts rules to implement, establish criteria (OLS document #1825, eff. 10-5-81; see OLS Revision Notes for subsequent history)</li> <li>• No fixed buffers for prime wetlands, but rules establish requirements that apply to proposed work/activities that may impact prime wetlands, including no significant net loss of wetland function</li> <li>• “Adjacent” not defined</li> </ul>
2007, 211, 2	Aug. 24, 2007	<ul style="list-style-type: none"> <li>• “in or adjacent to” changed to “in or within 100 feet of”</li> </ul>
2009, 185:2	Sept. 11, 2009	<ul style="list-style-type: none"> <li>• Department must notify local authority prior to issuing a permit for projects “in or within 100 feet of” a designated prime wetlands</li> <li>• Waivers authorized for forest management work</li> </ul>
2012, 235:2	Aug. 17, 2012	<ul style="list-style-type: none"> <li>• Requirements established for a prime wetlands to be at least 2 acres in size; to not consist of a water body only; to have at least 4 primary wetland functions, one of which must be wildlife habitat; and to be at least 50 feet wide at its narrowest point</li> <li>• Department must notify local authority prior to issuing a permit for projects in a designated prime wetlands or within 100 feet of any prime wetland where a 100 foot buffer was required at the time of designation (i.e., on or after Sept. 11, 2009 but before Aug. 17, 2012)</li> </ul>

# New: Prime Wetlands Waivers

## PART Env-Wt 706 WAIVERS FOR ACTIVITIES ASSOCIATED WITH PRIME WETLANDS/BUFFERS

Env-Wt 706.01 Availability of Waivers for Forestry Activities

Env-Wt 706.02 Requirements for Waiver Requests for Forestry  
Activities

Env-Wt 706.03 Issuance of Waivers for Forestry Activities

Env-Wt 706.04 Availability of Waivers for Other Activities in Duly-  
Established 100-Foot Buffers

Env-Wt 706.05 Requirements for Waiver Requests for Other  
Activities in Buffers

Env-Wt 706.06 Issuance of Waivers for Other Activities in Prime  
Wetlands Buffers

Env-Wt 706.07 Waiver Term; Extensions

# Goal: Clarify & Streamline Env-Wt 900 Stream Crossing rules



**Project classification      903.02**

**Info Required      903.04-.06**

**Tier 4 - Tidal crossings      904.06**

**Repair, Rehabilitation,  
Replacement      904.08-.09**

**Alternative Design      904.10**

# Stream Crossing Classification

Type of Surface Water	Size of Contributing Watershed	Other Factors	Tier	Compensatory Mitigation Required?
Non-tidal	≤ 200 acres	None	1	No
Non-tidal	> 200 acres but < 640 acres	None	2	No, unless alternative design or waiver of criteria
Non-tidal	≥ 640 acres	None	3	Yes, unless self-mitigating
Non-tidal	All	Within designated river corridor Within 100-year flood plain Within fluvial erosion zone	3	Yes, at least for impacts to resources other than stream
Tidal	All	None	4	Yes, unless self-mitigating

# Stream Crossing Project Classifications

Project Classification →	Low Impact / CAT1	Minor / CAT2	Major / CAT3
Size of impact	< 50 linear feet (LF) EXCEPT Repair of existing legal structures with no waivers can be ≥ 50 LF	Single crossing or multiple crossings with total impact of ≥ 50 LF but < 200 LF	Single crossing or multiple crossings with total impact of ≥ 200 LF <u>or</u> classified as major based on resource
Type of Project ↓			
New Crossing	Tier 1 with no waivers	Tier 1 with waivers/ alternate design; Tier 2 with no waivers	All other new crossings
Repair	Tier 1 or Tier 2 with no waivers to 904.08; Tier 3 with no waivers to 904.09	Tier 1 or Tier 2 repairs needing waiver(s) to 904.08; Tier 4 that meets 904.09	All other repairs
Replacement	Tier 1 with no waivers to 904.08	Tier 2 with no waivers to 904.08	All other replacements
Rehabilitation	none	Tier 1 or Tier 2 with no waivers to 904.08	All other rehabilitations
Temporary Crossing	Tier 1 or Tier 2 with no waivers	none	All other temporary crossings



# Hydraulic Capacity Report - 903.07

Hydraulic capacity report required if:

- Application for a standard permit for a stream crossing requires plans stamped by a P.E.

**and**

- Existing stream crossing structure cannot convey the design storm flow

Report must include drainage calculations and a narrative to demonstrate that the proposed stream crossing has sufficient hydraulic capacity to meet the applicable design standard.

# Self-Mitigating Stream Crossings

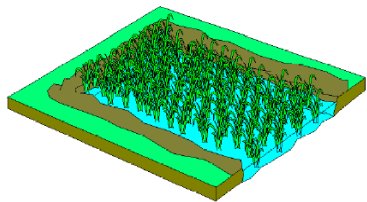
Design of the stream crossing incorporates measures or features to offset the loss of the affected resource's functions and values in an area where the new functions and values are sustainable.

Examples of self-mitigating measures or features include, but are not limited to:

- Eliminating a barrier to aquatic organism passage
- Improving the hydraulic capacity of an under-sized crossing
- Improving geomorphic compatibility.

# Check out the new BMPs

- Agriculture – Dept of Agriculture
- Utility – NHDES w/ Utility Workgroup
- Routine Roadway – NHDOT
- Avoidance & Minimization Techniques



DRAFT BEST MANAGEMENT  
WETLANDS PRACTICES  
FOR AGRICULTURE

JANUARY 22, 2016  
MARCH 2, 2016  
MARCH 14, 2016  
JANUARY 31, 2018

DRAFT

## Best Management Practices Manual

Utility Maintenance in and Adjacent to  
Wetlands and Waterbodies in New Hampshire



New Hampshire Department of Natural and Cultural Resources

January 2018



Best Management Practices for  
Routine Roadway Maintenance  
Activities in New Hampshire



New Hampshire  
**DOT**  
Department of Transportation



Wetlands  
Best Management  
Practice Techniques  
For Avoidance and Minimization



# BMP Review

- *All NEW - Avoidance & Minimization BMP and review Project chapters* <http://neiwppcc.org/2018/01/31/nh-des-seeking-public-input-wetlands-best-management/>
- *See new Planning and nutrient management sections in Agriculture BMP manual.*  
<https://www.agriculture.nh.gov/publications-forms/documents/draft-wetland-bmp.pdf>
- *DOT Routine Roadway manual (See new activities & proposed new forms)*  
[https://www.nh.gov/dot/org/projectdevelopment/environment/units/program-management/documents/Draft\\_V.3.pdf](https://www.nh.gov/dot/org/projectdevelopment/environment/units/program-management/documents/Draft_V.3.pdf)
- *See new plans, BMPs, & photos in Utility manual*  
<http://www.nhdfi.org/library/pdf/Planning/Utility%20BMP%20Manual%20Draft%20012618.pdf>

# Where do we go from here?

NHDES needs your feedback

Comment deadline – April 20, 2018

Written comments are encouraged

Next steps – to be determined based on comments

# Any Comments?

Submit anonymously at:

[https://www.surveymonkey.com/r/  
draft-wetlands-rules](https://www.surveymonkey.com/r/draft-wetlands-rules)

Mary Ann Tilton

Assistant Administrator

Wetlands Bureau

(603) 271-2929

[MaryAnn.Tilton@des.nh.gov](mailto:MaryAnn.Tilton@des.nh.gov)

